BRIGGS & STRATTON SERVICE & REPAIR INSTRUCTION MANUALS

These quality service and repair instruction manuals serve as a guide in performing the various steps necessary to do a complete and satisfactory repair job. Covers ignition, carburetion, governors, compression, starters and alternators, lubrication, pistons, rods and rings, crankshafts, cylinder, bearings and mufflers. BRIGGS & STRATTON

TWIN CYLINDER L-HEAD
Order Number: B/S271172 ..... $24.95

VANGUARD V-TWIN OHV
Order Number: B/S272144 ..... $24.95

VANGUARD SINGLE CYLINDER OHV
Order Number: B/S272147 ..... $24.95

INTEK V-TWIN OHV
Order Number: B/S273521 ..... $24.95

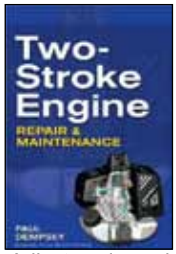
SINGLE CYLINDER OHV
Order Number: B/S276781 ..... $24.95

SMALL ENGINES AND OUTDOOR POWER EQUIPMENT

This new book is more than a simple engine repair manual. Designed for the beginner with little or no mechanical experience, this title is a graphically appealing, step-by-step guide that covers all of the most important engine maintenance and repair skills you'll need to keep your equipment running at peak performance. It also shows exactly how to perform mechanical upkeep and repairs on the most common outdoor power implements, including lawn mowers, snow blowers, chain saws, power washers, generators, leaf blowers, rototillers, wood splitters, lawn edgers, and weed whips. With clear how-to photos and detailed diagrams, you'll see exactly what needs to be done. COOL SPRINGS PRESS

144 pages, paperback, 2014
Order Number: CS587-2 ..... NEW $19.99

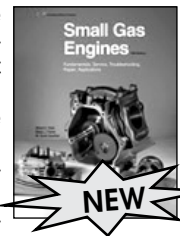
TWO-STROKE ENGINE REPAIR AND MAINTENANCE



Written by long-time mechanic and bestselling author Paul Dempsey, this book shows you how to fix the engines that power garden equipment, construction tools, portable pumps, mopeds, generators, trolling motors, and more. Detailed drawings, schematics, and photographs along with step-by-step instructions make it easy to get the job done quickly. Subjects covered include: Troubleshoot the engine to determine the source of the problem; Repair magnetos and solid-state systems--both analog and digital ignition modules; Adjust and repair float-type, diaphragm, and variable venturi carburetors; Fabricate a crankcase pressure tester; Fix rewind starters of all types; Overhaul engines--replace crankshaft seals, main bearings, pistons, and rings; and Work with centrifugal clutches, V-belts, chains, and torque converters. MCGRAW-HILL

208 pages, 2009, paperback.
Order Number: MGH5395 ..... JUST ADDED $25.00

SMALL GAS ENGINES,10E



This text provides practical information about the construction and operation of small two- and four-cycle gasoline engines. Detailed information about specific maintenance, lubrication, troubleshooting, service, rebuilding, and repair is presented. The text is written in clear, non-technical language and includes information that is invaluable to anyone interested in servicing small gas engines. Features: Logical procedures for troubleshooting and repairing major systems; Information on small gas engine applications, career opportunities, and Outdoor Power Equipment and Engine Service Association (OPEESA) Technician Certification Exams; and Updated information on small engine emission control systems. GOODHEART-WILLCOX

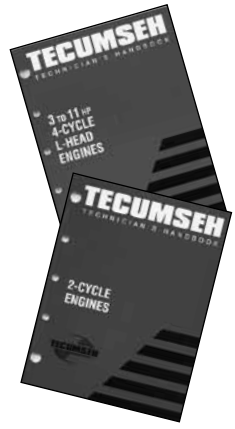
Text: 528 pages, 2012, hardcover
Order Number: GW547-7 ..... $88.00 each, $70.40 (10 or more)

Workbook: 208 pages. Organized to follow the textbook on a chapter-by-chapter basis, providing questions to help the student review the material.
Order Number: GW549-1 ..... $24.00 each, $19.20 (10 or more)

Instructor's Manual: 264 pages. Provides numerous instructional resources that support each chapter of the textbook including teaching strategies, test masters, answer keys, introductory activities, reproducible masters, and additional resources.
Order Number: GW550-7 ..... $98.00

Instructer's Resource: CD-ROM
Order Number: GW551-4 ..... $248.00

MECHANICS HANDBOOKS FROM TECUMSEH



These manuals include everything needed for understanding principles of operation, procedures for adjustment, repair and trouble shooting, and specifications for all sizes and types of Tecumseh engines. TECUMSEH

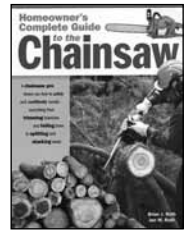
PEERLESS POWER TRAIN COMPONENTS
Order Number: T691218 ..... $11.67

4-CYCLE ENGINES: 8 to 18 hp
Order Number: T691462 ..... $9.95

2-CYCLE ENGINES
Order Number: T692508 ..... $9.95

4-CYCLE, LT. & MED. FRAME 3 to 11 hp
Order Number: T692509 ..... $9.95

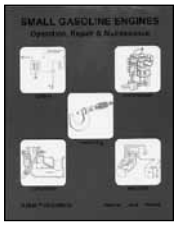
HOMEOWNER'S COMPLETE GUIDE TO THE CHAINSAW



With step-by-step color photographs throughout, 12 of the most common household chainsaw operations—such as cutting firewood, taking down small trees, trimming branches, grooming hedges, and making lumber—are tackled with expert advice. With an additional section devoted to chainsaw types, potential buyers can also assess which size and type of chainsaw best meets their needs. Also included is an appendix that has useful technical information and identifies the parts of a chainsaw and how each functions. FOX CHAPEL

208 pages, 2009, paperback
Order Number: IND3560 ..... $24.95

SMALL GASOLINE ENGINES



This manual contains small engine technology including CDI solid-state ignition, automatic chokes, no choke carburetors, and fuel pump carburetor systems. Classroom and Laboratory Exercises have been completely revised and expanded. Special emphasis related to small engine overhaul and repair has been designed into all laboratory exercises to make your small engine instructional unit more complete. Procedures for ordering small engine parts for repair have been covered throughout the total manual. The Appendix contains Safety Exam, Parts Order Form, English/Metric Equivalent Charts, Engine-Matics & Hydra-Matics Formulas and Engine Overhaul Worksheets. HOBAR

Student Manual: 176 pages, 1992, paperback
Order Number: 473..... $12.95 each, $10.35 (10 or more)

Teacher's Answer Key:
Order Number: 473TK..... $2.75

SMALL GASOLINE ENGINES STUDENT JOB SHEETS

This instructional packet includes 36 job sheets on small engines beginning with engine identification and specifications to torquing, disassembly, measuring all basic systems and ending with reassembly troubleshooting and tool identification. The packet includes behavioral objectives, evaluation sheets, and sources of supplemental references and related visual materials. An excellent teaching aid in lesson plan format. The copy master format allows unlimited one-site use of the product. HOBAR

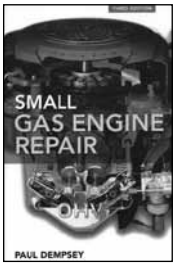
Order Number: 383..... $17.95

SMALL GASOLINE ENGINES TRANSPARENCY MASTERS

This set of 76 Transparency Masters on small engines may be used for making transparencies for overhead projection or direct viewing by small groups or individual students. Topics include Compression, Ignition, Carburetion, Maintenance, and General Information on small engines. HOBAR

Set of 76 masters
Order Number: 780TM $15.75

SMALL GAS ENGINE REPAIR, 3E



This book shows you how to troubleshoot and repair virtually any type of small gas engine used in garden equipment, chain saws, pumps, and standby generators. This in-depth guide gives information on overhead valve and overhead cam engines, carburetion advances, digital ignition systems, and more. It explains how to troubleshoot and repair both two- and four-cycle engines. It also reveals the shortcuts, field fixes, and other tricks of the trade that only working mechanics know. McGRAW HILL

226 pages, 2008, paperback
Order Number: MGH6674 ..... $24.95 each, $21.21 (10 or more)

SMALL GASOLINE ENGINE WORKSHEETS

These twenty worksheet masters may be duplicated for student use and include Part ID, Procedures, Materials Needed, Skills Taught, and Evaluation. These worksheets were developed to be used with Hobar's Small Gasoline Engines manual #473. HOBAR

- Four Stroke Engines
- Two Stroke Engines
- The RPM Tachometer
- Compression Testing
- Valve Timing
- Service and Adjusting Valves
- Piston Displacement
- Piston Rings
- Installing the Piston Rings
- Carburetor Disassembly
- Adjusting the Carburetor
- Magneto Coil Testing
- Servicing the Spark Plug
- Servicing the Air Cleaner
- Condenser Testing
- Small Engine Governors
- Off Season Storage
- Repair and Starting Stand
- Points Resistance Testing
- Magneto Ignition System and Assembly

Set of Twenty Small Engine Worksheets:
Order Number: 670..... $18.90

OVERHAULING VALVES WORKSHEETS

This set of six individual worksheet masters were developed to teach the overhauling of small engine valves. They may be duplicated for student use and each worksheet includes Part ID, Procedures, Skills Taught, Materials Needed, and Evaluation. HOBAR

- Tools for Valve Service
- Using the Valve Refacer
- Valve Refacing Lathe
- Valve Seat Cutter
- Using Power Valve Grinder
- Adjusting the Valve Tappets

Set of Six Valve Worksheets:
Order Number: 886..... $5.65

OVERHAULING THE PISTON, RINGS, CYLINDERS & ROD WORKSHEETS

These worksheet masters that may be duplicated for students to assist instruction of small gasoline engine units. Each worksheet includes Part ID, Procedures, Skills Taught, Materials, and Evaluation. Order as a set of six worksheet masters. HOBAR

- Cylinder Ridge Reamer
- Parallel Bar Hone
- Piston Groove Cleaner
- Ring Compressor
- Ring Expander
- Plastigage

Set of Six Overhauling Piston, Rings, Cylinders & Rod Worksheets:
Order Number: 568..... $5.65

COMPLETE SET

Contains one of each of the worksheet sets listed above in a tabbed three-ring notebook. HOBAR

Order Number: HWSM-SGE $34.95

SERVICE AND REPAIR INSTRUCTIONS Single Cylinder "L" Head Repair Manual

This manual includes laboratory and classroom instructions on small gas engines. It puts together into one edition the material covered in *B&S Repair Instructions & General Theories of Operation*. A must for any small engine instructional program. BRIGGS & STRATTON

300 pages, 1999, paperback
Order Number: B/S270962 ..... $22.95

SMALL GAS ENGINE: MAINTENANCE

SMALL GAS ENGINE: ROUTINE MAINTENANCE

This video explains the importance of and demonstrates how to prepare an engine for storage. Also shows how to return a small engine into service. Safety and responsibility is emphasized throughout. Supplement included.1998. CEV

SMALL GAS ENGINE: CHECKUP

This video discusses the techniques necessary for inspecting and measuring the journals on the crankshaft and camshaft, checking the cam gear bearing in the sump, and measuring ring gap. Also included are proper procedures for measuring the cylinder bore, how to check valve guides, main bearings and the wires, coil, and legs of the armature. Supplement included. 1997. CEV

SMALL GAS ENGINE: CLEANUP

This video provides the proper cleaning procedures for the following: armature, flywheel, carbon deposits, valves, ring grooves, and air cleaner. Also included are the removal of gasket residue and the steps necessary for removing a ridge from the cylinder. Supplement included. 1997. CEV

SMALL GAS ENGINE: REPAIR

This video provides the proper techniques for honing the cylinder, repairing valve guides, seating valves, replacing the oil seal, and washing the engine upon completion of all repairs. Supplement included. 1997. CEV

4 videos above, 150 minutes, 4 sections, 4 printable resources and 11 web resources

Order Number: CEV80888 ..... $156.00

SMALL GAS ENGINE DISASSEMBLY

SMALL GAS ENGINE DISASSEMBLY I

Safety practices and proper techniques for the disassembly of a 5 horsepower, Briggs and Stratton Model 124702 engine are included on this video. Removal of the air filter, fuel tank, carburetor and linkage, muffler, blower housing, mechanical governor, and spark plug are shown. It also discusses checking the engine for proper compression. Supplement included. 1997. CEV

SMALL GAS ENGINE DISASSEMBLY II

This video continues the disassembly process with a discussion on checking the armature air gap settings. Removal of the cylinder head, crankcase breather, valves and springs, flywheel, and armature are presented. Also included is a discussion on how a 4-stroke cycle engine operates, how to check valve-to-tappet clearance, and the flywheel key. Supplement included. 1997. CEV

SMALL GAS ENGINE DISASSEMBLY III

The final tape for disassembly of a small gas engine begins with the procedure for checking crankshaft end play and continues with the removal of the sump, an explanation of the mechanical governor, and removal of the oil slinger, camshaft, tappets, piston, and crankshaft. It completes the disassembly procedure with the removal of the rings and connecting rod from the piston. Supplement included. 1997. CEV

3 videos above, 110 minutes, 3 sections, 3 printable resources and 11 web resources

Order Number: CEV80880 ..... $117.00

SMALL GAS ENGINE ASSEMBLY

SMALL GAS ENGINE ASSEMBLY I

Safety practices and proper techniques for reassembly of a 5 horsepower, Briggs and Stratton Model 124702 engine are included on this video. It begins with the procedure for removing all gasket residue and continues with the installation of the crankshaft, checking ring gap, assembly and installation of the piston and rings, and installation of the tappets, camshaft, oil slinger, governor, and sump. It emphasizes the importance of lubricating major components during reassembly. Supplement included. 1997. CEV

SMALL GAS ENGINE ASSEMBLY II

Installation of the valves, checking valve-to-tappet clearance, and installation of the armature follow in part two of small gas engine assembly. Replacing the flywheel, setting the armature air gap, and installing the cylinder head are covered Supplement included. 1997. CEV

SMALL GAS ENGINE ASSEMBLY III

The final tape for reassembly continues with the installation of the crankcase breather, spark plug, muffler, carburetor, and blower housing. It also checks the ignition system for proper operation and completes the reassembly procedure with the installation of the oil tube, air filter, and fuel tank. The engine is started and tested for proper operation. Supplement included. 1997. CEV

3 videos above, 90 minutes, 3 sections, 3 printable resources and 11 web resources

Order Number: CEV80883 ..... $117.00

SMALL GAS ENGINE CARBURETOR

SMALL GAS ENGINE CARBURETOR I

Features the identification of parts, disassembly, cleaning, repair, and reassembly of the Vacu-Jet and Flow-Jet carburetors. It emphasizes the correct procedures for removing the needle valve assembly, cleaning the nozzle, checking the venturi, adjusting the float, and reassembling all components. Proper adjustment procedures for the needle valve are also included. Supplement included. 1997. CEV

SMALL GAS ENGINE CARBURETOR II

Features the identification of parts, disassembly, cleaning, repair, and reassembly of the horizontal Pulsa-Jet and vertical Pulsa-Jet carburetors. It demonstrates the proper procedures for removing and replacing the diaphragm, needle valve assembly, and throttle shaft. Checking the fuel tank for warping is also demonstrated. Supplement included.

2 videos above, 90 minutes, 2 sections, 2 printable resources and 11 web resources

Order Number: CEV80886 ..... $78.00

ORDER THE SERIES AND SAVE!

Includes the 12 videos above covering routine maintenance, checkup, cleanup, repair, disassembly, assembly and carburetor on small gas engines. CEV

4 DVDs, total of 440 minutes, 12 sections, 12 printable resources, and 44 web resources

Order Number: CEV SGE-DVD $425.00

SMALL GAS ENGINES INSTRUCTIONAL KIT

Save time and money…purchase this instructional kit!

This complete kit includes the curriculum, audio-visual aids, worksheets, tools, and supplies needed to successfully teach a small gas engines unit.

MANUALS & WORKSHEETS

473	Small Gasoline Engines, Textbook
473TK	Answer Key for Small Gasoline Engines, Textbook
BS270962	Briggs and Stratton Service and Repair Instructions, Service Manual
169	Micrometers, Calipers and Gages, Manual
HWSM-SGE	Small Gas Engines, 32 Worksheet Masters

ENGINE

93202	Briggs and Stratton 3.5 H.P. Engine.

TOOLS AND SUPPLIES

One each of the following tools or tool sets:

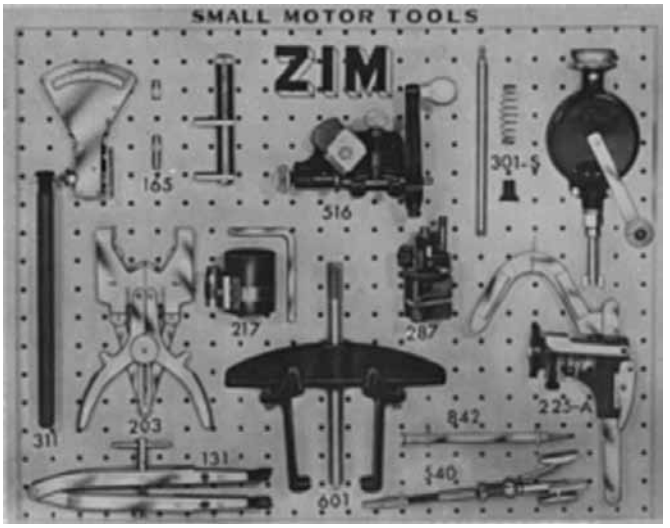
MC-1	Micrometer, 0-1 inch
FG-35	Flat Feeler Gage
FG-6	Spark Plug Gage
FG-5	Spark Plug Wire Gage
S86-383B	Torque Wrench
GENMG6001	Vernier Caliper
TK-73	Basic tool kit
STK-73	4 small engine specialty tools
SCFH-1	1 Starter Clutch Wrench and 1 Flywheel Holder
L-16000	Cylinder Hone
AM-3880	Honing Oil
LG-1000	Small Valve Seat Cutter Kit
AJ-8	Adjustable Jaw Wrench 8”
TM-1	Tachometer
19200	Vibration Tachometer
76601	Safety Glasses, 5 pairs

INSTRUCTIONAL DVDS

CEV-SGE-DVD	Includes 12 live-action, videos covering disassembly, assembly, checkup, and repair of small gas engines.

Instructional Kit with DVDs:
Order Number: SGEIKIT-D $1,944.50

All tools and instructional materials included in this kit are available as individual items in this catalog. Check the catalog index for the pages that contain the complete descriptions and prices for individual items.



SMALL ENGINE TOOL ASSORTMENT WITH BOARD

HOBAR offers this complete quality line of small engine tools. These tools may be purchased individually or as sets. Upgrade your small engine instructional program by adding these quality tools today. With the purchase of the complete tool assortment, the 19” X 25” display board is included.

Order Number: Z-SD-2 ..... $295.00

INDIVIDUAL SMALL ENGINE TOOLS

Cylinder Gage—Range 1-3/4” to 3-1/4”
Order Number: Z-165 ..... $92.50

Valve Refacer—Carboloy Cutter, 45 degree or 30 degree
Order Number: Z-516 ..... $19.95

Valve Grinder Cutters—for Z-516
Order Number: Z-515 ..... $7.98

Hand Valve Grinder
Order Number: Z-301S $14.95

Cup Valve Grinder—3/4” dia. cup
Order Number: Z-311 ..... $2.50

Piston Ring Expander—Cap. 1-1/4” to 2-1/4”
Order Number: Z-203 ..... $9.95

Piston Ring Compressor—Cap. 1-3/4” to 3-1/2”
Order Number: Z-217 ..... $7.50

Cylinder Ridge Reamer—Range 2” to 3”
Order Number: Z-287 ..... $41.25

Valve Spring Compressor
Order Number: Z-131 ..... $18.60

Gear Puller—up to 6” dia. 3” arms
Order Number: Z-601 ..... $29.95

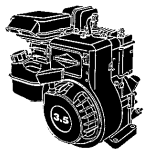
Magnetic Key Inserter
Order Number: Z-842 ..... $6.95

Piston Groove Cleaner—Cap. 2” to 3”
Order Number: Z-225A $19.95

Cylinder Hone—Range 3/4” to 2-3/4”
Order Number: Z-540 ..... $25.95

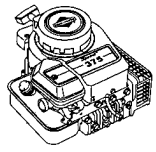
Cylinder Hones—for Z-540
Order Number: Z-541 ..... $8.25

SMALL GAS ENGINES



Briggs & Stratton Engine
4 cycle, horizontal shaft, 3.5 hp., float-style carburetor. Type 0016-EI.

Order Number: 93202..... $363.85

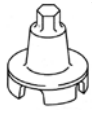


Briggs & Stratton Engine
4 cycle, vertical shaft, 4 hp., no choke, bulb primer. Type 0015-EI.

Order Number: 9M902.. .....$260.75

STARTER CLUTCH WRENCH AND FLYWHEEL HOLDER

Flywheel Holder—This flywheel holder is a must for working on Briggs & Stratton Engines. Will fit all Briggs & Stratton engines up to 140,000 series.
Order Number: 19167.....$36.00

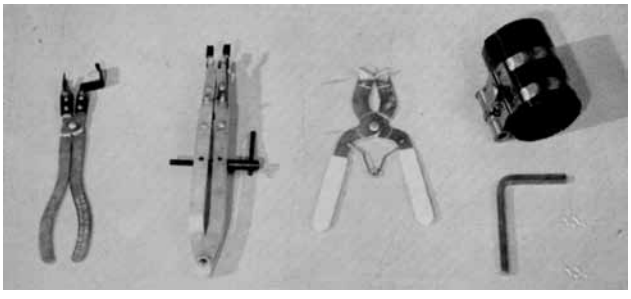


Starter Clutch Wrench—1/2" drive, use with socket or torque wrench. B & S engines.

Order Number: 19244..... $12.42

ORDER THE SET AND SAVE!

Order Number: SCFH-1..... $43.45



SPECIALTY TOOL KIT

This specialty tool kit is a must for working on small engines. One set is recommended for each 2 or 3 engines in the small engine unit. These tools will easily fit into the bottom of the tool box containing the Basic Tool Kit (TK-73).

Kit includes:

Condenser Spring Compressor
Order Number: K-362..... $7.95

Valve Spring Compressor
Order Number: Z-131 ..... $18.60

Piston Ring Spreader
Order Number: L-33500 ..... $6.95

Piston Ring Compressor
Order Number: Z-218 ..... $7.50

ORDER THE KIT AND SAVE!

Order Number: STK-73 ..... $33.00

NEWAY VALVE SEAT CUTTER KITS

Neway cutters use tough tungsten carbide blades, precision ground to guarantee a flat seat. The serrated blade provides a superior textured surface for the best closure and heat transfer outside of a technical laboratory.

Small Engine Valve Seat Cutter Kit

This is the most complete kit for work on small engines. It includes two extra small cutters necessary for working on OHV engines. The three step cutting method provides the maximum combination of sealing efficiency, gas flow, and heat transfer. The first cut, using a 60° angle, cleans and reconditions the area below the seat. The second cut, a 15° angle, cleans and reconditions the area above the seat. The third cut a 31° angle, produces a precision seat.

Kit Components:
(1) #102 Cutter 1-15/16" diam, 46° and 31° angles
(1) #103 Cutter 1-1/18" diam , 46° and 31° angles
(1) #111 Cutter 1" diam., 60° angle
(1) #124 Cutter 1-15/16" diam, 60° and 15° angles

Nine pilots:
100-1/4" 100-8.0mm
100-1/4" +1 100-6.0mm
100-9/32" 100-6.02mm
100-5/16 100-6.05mm
100-5/16"+1

Case, T-Wrench, Accessories Kit, Operating Instructions

Order Number: LG-3010..... $506.00

Master Lawn and Garden Kit

This kit gives you everything necessary for three-angle valve seat reconditioning on most air-cooled engines. It offers the same precision and accuracy as the LG-3010, but does not contain the #103 and #11 cutters (or the 6mm pilots), necessary for OHV work.

Kit Components:
(1) #102 Cutter 1-15/16" diam, 46° and 31° angles
(1) #124 Cutter 1-15/16" diam, 60° and 15° angles

Six pilots:
100-1/4" 100-8.0mm
100-1/4" +1
100-9/32"
100-5/16
100-5/16"+1

Case, T-Wrench, Accessories Kit, Operating Instructions

Order Number: LG-2010..... $305.00

Standard Lawn and Garden Kit

Includes all parts in the LG-2010 kit except for the #124 cutter.

Order Number: LG-1000..... $192.00

LISLE SMALL ENGINE CYLINDER HONE

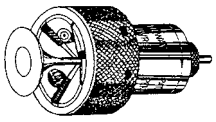
Stones are 3–1/2" long. Range from 1–3/4" to 2.6". Comes complete with three medium grit stones for cast iron cylinders

Order Number: L-16000 SET.....$255.00

HONING OIL

Always use Honing Oil when surfacing cylinders. Assures better finish, faster cutting, and longer stone life. One quart can.

Order Number: AM-3880 .....$18.40



GIZMATIC

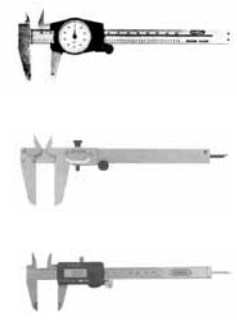
The most efficient tool for refacing valves by hand. Features a crank style lever which turns the blades against the stationary valve face. This crank provides the operator with enough leverage to make the job effortless, while a second lever allows the operator to control the feed rate of the blades. It features soft jawed V-blocks which hold the valve stem securely in a vise while the cone, either 45 or 30, automatically centers itself on the valve face. NEWAY

Order Number: GIZ-3.....$360.00

THREE PIECE SPARK PLUG SOCKET SET

3/8" Universal Spark Plug. Sizes include 3/4", 5/8", and 13/16". STANLEY

Order Number: S85-721 .....$13.88



CALIPERS

Dial Caliper – 6" capacity; 0.001" graduations. 5-way measuring: inside, outside, depth, step, and height readings.
Order Number: GEN145.....$46.55

Fractional Scale Vernier Caliper – 5" capacity, economical steel
Order Number: GEN721.....$14.35

Digital Caliper – 6" capacity, accuracy to .001".
Order Number: GEN1436.....$46.85

Vernier Caliper – inch and mm
Order Number: GENMG6001.....$57.50

SEE MEASURING AND METALS SECTIONS FOR OTHER RELATED TOOLS

COMPRESSION TESTER

Heavy-duty quality, 0–300 lbs. and 0–21 Kg/sq cm. English-metric calibration. Fits 14mm and 18mm spark plug holes. Push-in type.

Order Number: KAL-2502.....$35.60

COMPRESSION TESTER—FLEX-DRIVE

Heavy-duty quality, 0–300 lbs. and 0–21 Kg/sq cm. English-metric calibration. Fits 14 mm and 18 mm spark plug holes. Release valve for successive readings. Screw-in type.

Order Number: KAL-2504.....$52.45

TACHOMETER

0–4,000 rpm's
Order Number: TM-1.....$127.00

VIBRATION TACHOMETER

0–50,000 RPM
Order Number: 19200.....$27.50

BASIC TOOL KIT

This basic tool kit has everything for basic disassembly, adjustment, and assembly of small engines.

Kit contains an 11 piece 3/8" drive, 6-point socket set; 3 piece 3/8" drive 6-point spark plug socket set; 7 piece double open-end wrench set; 6'1/2" long nose pliers; 4" and 6" standard screwdrivers; #2 Philips screwdriver; 1/4" and 7/16" nut drivers; round and flat feeler gage set; and a spark plug tester. These tools come complete in a 6" x 6-1/2' x 19" steel box with a handy tray.

Order Number: TK-73.....$192.50

Piston Ringer – up to 4" rings
Order Number: L-33500 .....$6.95

Piston Ring Expander – Cap. 2" to 4"
Order Number: Z-201 .....$15.50

Piston Groove Cleaner – up to 5-1/2"
Order Number: Z-221 .....$9.95

Piston Ring Compressor – Cap. 2-1/8" to 5"
Order Number: Z-218 .....$7.50

Small Engine "C" Clamp Lifter
For all air or water cooled 4-cycle engines with 3/4" to 1-1/16" spring diameters. Includes large and small jaws for 3/4" to 1 1/16" springs.
Order Number: L-23300 .....$22.50

Small Gear and Terminal Puller
up to 1-1/2"
Order Number: Z-604 .....$9.95

Small Gear and Terminal Puller – up to 3"
Order Number: Z-606 .....$12.25

Gear and Wheel Puller
Reversible jaws, up to 6", reach 3-1/4"
Order Number: Z-630 .....$45.95

Mower Blade Balancer
This fast, easy-to-use device stops blade vibration and adds life to your mower.
Order Number: MBB-1.....$5.95

Calibrated Ignition Tester
Checks for spark without removing spark plugs from engine.
Order number: KD2756.....$12.95

Value 3/8" Drive Torque Wrench
Dual scale reads 0-800lbs./in. and 0-90 Newton meters.
Order Number: S86-383B.....$48.00

Cylinder Surface Hone – 2"–7"
Order Number: L-23500 .....$28.95

Dual Cup Valve Grinder
Order Number: CVG-1.....$6.95

Gasket Scraper
Order Number: GS-1 .....$9.00

Thin Straight Nose Pliers – 6", cushion grip
Order Number: TNP-1 .....$18.00

Diagonal Cutter – 6", cushion grip
Order Number: DC-6 .....$22.00

Long Nose Pliers – 6", cushion grip
Order Number: LNP-1 .....$23.00

Grooved Joint Pliers – 10", cushion grip
Order Number: GJP-10 .....$19.50

Flat Feeler Gage – 32 straight blades ranging in size, .0015–.035" including .010" brassblade
Order Number: FG-35 .....$9.95

Spark Plug Gage – 6 wires, .030–.040"
Order Number: FG-6 .....$3.25

Spark Plug Gage – 8 wires, .015–.040"
Order Number: FG-5 .....$6.75

Spark Plug Gap and Teeler Gauge Set
12 blades, .010-.26" and 6 wires, .025-.045"
Order number: KD164.....$8.60

MICROMETERS

0-1 Inch
Order Number: MC-1.....$22.50

1-2 Inch - 1" standard included
Order Number: MC-2.....$24.80